

---

Subject: Linking issue...cmd line vs U++ vs Codeblocks...

Posted by [ptkacz](#) on Mon, 02 Apr 2018 05:25:48 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi guys,

In the process of creating some new code, a small test app was put together to test connecting to a PostgreSQL database making use of PGXX (see the attachment, DatabaseTest.cpp).

From command line, the program was able to be compiled (i.e. `g++ DatabaseTest.cpp -o ct -lpqxx -lpq`) and run successfully. No compiler or link issues were encountered. Expected results were returned!

Similarly a U++ Console App with no U++ was created and compiled, but with linker issues. For example: ... (13): undefined reference to `pqxx::connection\_base::is\_open() const'

Just to be sure that the dev environment is set up correctly, this evening, version 16 of Codeblocks was installed. The same test app was compiled and linked without any issue. Upon pressing the play button, a console window displayed with expected results. The only thing needing to be done was providing the linker options of, "-lpqxx -lpq" to codeblocks.

In U++, I've only specified the following:

Common Link Options: -lpqxx -lpq

Debug Link Options: -lpqxx -lpq

INCLUDE DIRECTORY PATHS: Non-specified (TheIDE identified the include files)

LIB Directories: /usr/lib/x86\_64-linux-gnu

Even attempting to not specifying any paths.

Why is it that U++ is having difficulty linking successfully?

Peter

---

## File Attachments

1) [DatabaseTest.cpp](#), downloaded 264 times

---

Subject: SOLVED: Re: Linking issue...cmd line vs U++ vs Codeblocks...

Posted by [ptkacz](#) on Wed, 17 Oct 2018 02:50:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Adding PostgreSQL package allows one to link the Postgres C library to one's U++ application!

---